Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 27 Apr 2023 until 23:59 on Friday 28 Apr 2023

Forecast Issued on Wednesday 26 Apr 2023 at 16:17

Confidence: High initially and for the transition to milder conditions. Low confidence for the timing and detail of rain on Thursday, and for the extent of showers over the weekend.

Headline for Thursday 27 Apr 2023: A fine and dry morning. Cloudier with rain arriving in the afternoon, turning locally heavy at times.

Mountain weather hazards on Thursday 27 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	00%	00%	00%	20%	40%	80%	80%

Forecast for Thursday 27 Apr 2023

Weather: Clear spells across the Dales with a few patches of valley frost possible around dawn. Extensive cloud will then spill eastwards across the park, staying dry through the morning. Cloud thickening and lowering in the afternoon, with frontal rain spreading in from the west, turning heavy at times, particularly in the west. Rain is expected to persist overnight, becoming generally lighter and patchier. Confidence in the timing of rain and low cloud is currently low.

Chance of cloud-free hill tops above 600m: Over 90%, gradually falling to 30% in the west and 40% further east through the afternoon as rain arrives.

Low Cloud and visibility: Cloud bases well above summits throughout the morning. Bases are then expected to lower as rain spreads across the park, shrouding summits above around 300-400m, perhaps falling lower for western upslopes and during any persistent or heavy rainfall. Visibility generally good, but moderate to poor in rain or heavy rain.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 27 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/13 SE	7/14 SE	7/13 E	14/21 SE	18/27 SE	18/27 SE	17/27 SE	17/27 E	14/22 E
300	4/9 E	3/10 E	5/12 E	11/20 SE	14/26 SE	12/25 SE	13/26 SE	13/28 E	11/23 E
Valley	5/12 E	5/11 E	5/14 E	10/20 SE	13/25 SE	12/24 SE	12/25 E	14/29 E	13/26 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	3/0	3/0	5/1	6/2	7/2	5/0	4/-1	4/-1
300	3/2	3/1	5/3	8/6	10/7	10/7	7/4	6/2	6/3
Valley	6/4	5/3	7/5	10/8	11/9	11/9	9/6	8/4	8/4
Freezing Level*	1000m	1000m	1000m	1100m	1300m	1500m	1700m	1800m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

After a fine but chilly morning, deteriorating conditions pose a hazard to walkers. Waterproofs may become soaked for a while as rain turns heavy or persistent. Some watercourses may become swollen and surfaces slippery.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 26 Apr 2023	0mm	0mm	1.8mm

Forecast for Friday 28 Apr 2023

Weather: Rain likely easing overnight, with patchy cloud, rain and drizzle gradually clearing from the west Friday morning. Becoming dry and bright by the afternoon with widespread sunny spells. Remaining largely clear and dry overnight, although low cloud and drizzle may affect some western hills. Winds falling light.

Maximum wind: North to northwesterly 15-20mph, easing southwesterly 5-10mph later.

Chance of cloud-free hill tops above 600m: 40%, becoming above 90% by late-morning. 40% in the west by midnight.

Low Cloud and visibility: Low cloud may shroud higher hills above around 500m in the morning, lifting clear of summits as rain clears to the east. Visibility moderate to poor in any rain and drizzle, becoming mostly very good. Hazy later.

Temperature: **Valleys:** Plus 5 Celsius rising to Plus 12 Celsius.
At 600m: Plus 3 Celsius rising to Plus 9 Celsius.
Freezing level: Above the summits.

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